

ARG45168 anti-SFRP2 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes SFRP2
Tested Reactivity	Hu
Tested Application	FACS, ICC/IF, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Target Name	SFRP2
Species	Human
Immunogen	Synthetic peptide corresponding to N-terminal region of human SFRP2.
Conjugation	Un-conjugated
Alternate Names	FRP-2; Secreted apoptosis-related protein 1; SDF-5; SARP1; Secreted frizzled-related protein 2; SARP-1; sFRP-2

Application Instructions

Application table	Application	Dilution
	FACS	1 - 3 µg/10 ⁶ cells
	ICC/IF	2 µg/ml
	WB	0.1-0.25 µg/ml

Application Note * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Observed Size 38 kDa

Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.2% Na ₂ HPO ₄ , 0.9% NaCl, 0.05% Sodium azide and 4% Trehalose.
Preservative	0.05% Sodium azide
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

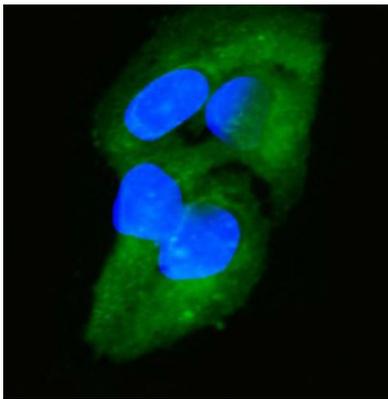
Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

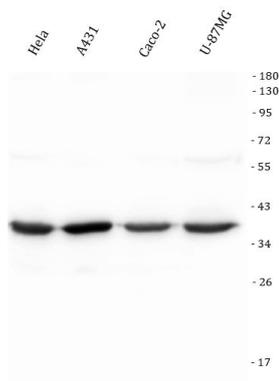
Gene Symbol	SFRP2
Gene Full Name	secreted frizzled related protein 2
Background	This gene encodes a member of the SFRP family that contains a cysteine-rich domain homologous to the putative Wnt-binding site of Frizzled proteins. SFRPs act as soluble modulators of Wnt signaling. Methylation of this gene is a potential marker for the presence of colorectal cancer. [provided by RefSeq, Jul 2008]
Function	Soluble frizzled-related proteins (sFRPS) function as modulators of Wnt signaling through direct interaction with Wnts. They have a role in regulating cell growth and differentiation in specific cell types. SFRP2 may be important for eye retinal development and for myogenesis.. [UniProt]
Calculated Mw	33 kDa
PTM	Disulfide bond. [UniProt]
Cellular Localization	Secreted. [UniProt]

Images



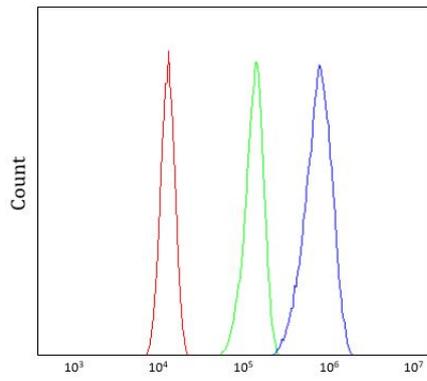
ARG45168 anti-SFRP2 antibody ICC/IF image

Immunofluorescence: U2OS stained with ARG45168 anti-SFRP2 antibody at 2 ug/ml dilution.



ARG45168 anti-SFRP2 antibody WB image

Western blot: HeLa, A431, Caco-2, and U-87MG stained with ARG45168 anti-SFRP2 antibody at 0.25 µg/ml dilution.



ARG45168 anti-SFRP2 antibody FACS image

Flow Cytometry: CACO-2 stained with ARG45168 anti-SFRP2 antibody at $1 \mu\text{g}/10^6$ cells dilution.